

RECEIVED
CENTRAL FAX CENTER

MAY 07 2004

FAX TRANSMISSION**OFFICIAL****DATE:** May 7, 2004**PTO IDENTIFIER:** Application Number 09/854204-Conf. #8487
Patent Number**Inventor:** Peter Martin FISCHER et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** LAHIVE & COCKFIELD, LLP
Cynthia L. Kanik, Ph D**PHONE:** (617) 227-7400**Attorney Dkt. #:** CCI-010CN**PAGES (Including Cover Sheet):** 15 / 17

CONTENTS: Petition for Three Month Extension of Time Under 37 CFR 1.136(a) (1 page);
Amendment and Response (8 pages);
Amendment Transmittal (1 page);
Fee Transmittal (1 page in duplicate);
Terminal Disclaimers for U.S. Application No. 09/438460 (1 page);
Terminal Disclaimer for U.S. Patent 6,472,507 (1 page);
Notification of Change of Attorney Docket Number (1 page);
Certificate of Transmission under 37 CFR 1.8 (1 page);
Charge \$585.00 to deposit account 12-0080

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 227-7400 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

LAHIVE & COCKFIELD, LLP
28 State Street, Boston, Massachusetts 02109
Telephone: (617) 227-7400 Facsimile: (617) 742-4214

PTO/SB/87 (12-87)
Approved for use through 9/30/00 OMB 0851-0031
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Certificate of Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

on May 7, 2004
Date

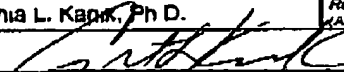
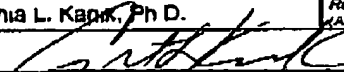
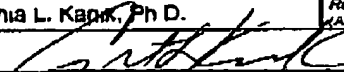

Signature

Cynthia L. Kanik, Ph D.
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Petition for Three Month Extension of Time Under 37 CFR 1.136(a) (1 page);
Amendment and Response (8 pages);
Amendment Transmittal (1 page);
Fee Transmittal (1 page in duplicate);
Terminal Disclaimer for U.S. Application No. 09/438460 (1 page)
Terminal Disclaimer for U.S. Patent 6,472,507 (1 page)
Notification of Change of Attorney Docket Number (1 page);
This Certificate of Transmission under 37 CFR 1.8 (1 page);
Charge \$585.00 to deposit account 12-0080

Use in lieu of PTO/SB/17 (08-03)
(Form updated to reflect FY 2004 fees effective 10/1/03)

FEE TRANSMITTAL for FY 2004		Complete if Known																																																																																																																																																																																																																																																																																																																																	
<small>Effective 10/01/2003, Patent fees are subject to annual revision</small>		Application Number	09/854204-Conf. #8487																																																																																																																																																																																																																																																																																																																																
		Filing Date	May 11, 2001																																																																																																																																																																																																																																																																																																																																
		First Named Inventor	Peter Martin FISCHER																																																																																																																																																																																																																																																																																																																																
		Examiner Name	K. A. Canella																																																																																																																																																																																																																																																																																																																																
		Art Unit	1642																																																																																																																																																																																																																																																																																																																																
		Attorney Docket No.	CCI-010CN																																																																																																																																																																																																																																																																																																																																
<input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27																																																																																																																																																																																																																																																																																																																																			
TOTAL AMOUNT OF PAYMENT (\$) 585.00																																																																																																																																																																																																																																																																																																																																			
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																																																	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> none <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP The Director is authorized to (check all that apply): <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of the application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or cash</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1003</td><td>130</td><td>1003</td><td>130</td><td>non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIF prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIF after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td>475.00</td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Unity issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>840</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1480</td><td>130</td><td>1480</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of information Disclosure Sheet</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify): 1814 Statutory Disclaimers</td><td>110.00</td><td></td></tr> <tr> <td colspan="2"> 1. BASIC FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>90</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (1)</td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table> </td> <td colspan="2"> 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from Below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>35</td> <td>-48** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td>0.00</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td>1</td> <td>-3** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td>0.00</td> </tr> <tr> <td colspan="4"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="2"> 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (2)</td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table> </td> <td colspan="2"> **or number previously paid, if greater. For Reissues, see above </td> </tr> <tr> <td colspan="2"> SUBMITTED BY Name (Print/Type): Cynthia L. Kanik, Ph D. Signature:  </td> <td colspan="2"> Registration No. (Attorney/Agent): 37,320 Telephone: (617) 227-7400 Date: May 7, 2004 </td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or cash		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1003	130	1003	130	non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIF prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIF after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month	475.00	1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	280	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Unity issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	840	2503	320	Plant issue fee		1480	130	1480	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1808	180	1808	180	Submission of information Disclosure Sheet		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify): 1814 Statutory Disclaimers				110.00		1. BASIC FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>90</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (1)</td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	180	2005	90	Provisional filing fee		SUBTOTAL (1)				(\$)	0.00	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from Below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>35</td> <td>-48** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td>0.00</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td>1</td> <td>-3** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td>0.00</td> </tr> <tr> <td colspan="4"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </tbody> </table>		Total Claims		Extra Claims		Fee from Below		Fee Paid		Independent Claims	35	-48** =		x		=	0.00	Multiple Dependent Claims	1	-3** =		x		=	0.00									2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (2)</td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	88	2201	43	Independent claims in excess of 3		1203	280	2203	145	Multiple dependent claim, if not paid		1204	88	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)	0.00	**or number previously paid, if greater. For Reissues, see above		SUBMITTED BY Name (Print/Type): Cynthia L. Kanik, Ph D. Signature: 		Registration No. (Attorney/Agent): 37,320 Telephone: (617) 227-7400 Date: May 7, 2004	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or cash																																																																																																																																																																																																																																																																																																																															
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																																																															
1003	130	1003	130	non-English specification																																																																																																																																																																																																																																																																																																																															
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																																																																															
1804	920*	1804	920*	Requesting publication of SIF prior to Examiner action																																																																																																																																																																																																																																																																																																																															
1805	1,840*	1805	1,840*	Requesting publication of SIF after Examiner action																																																																																																																																																																																																																																																																																																																															
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																																																																																															
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																																																																																																															
1253	950	2253	475	Extension for reply within third month	475.00																																																																																																																																																																																																																																																																																																																														
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																																																																																																															
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																																																																																																															
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																																																																																																															
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																																															
1403	280	2403	145	Request for oral hearing																																																																																																																																																																																																																																																																																																																															
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																																															
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																																															
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																																															
1501	1,330	2501	665	Unity issue fee (or reissue)																																																																																																																																																																																																																																																																																																																															
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																																																															
1503	840	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																																																															
1480	130	1480	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																															
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																																																																																															
1808	180	1808	180	Submission of information Disclosure Sheet																																																																																																																																																																																																																																																																																																																															
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																																															
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																																																															
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																																															
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																															
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																															
Other fee (specify): 1814 Statutory Disclaimers				110.00																																																																																																																																																																																																																																																																																																																															
1. BASIC FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>90</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (1)</td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	180	2005	90	Provisional filing fee		SUBTOTAL (1)				(\$)	0.00	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from Below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>35</td> <td>-48** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td>0.00</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td>1</td> <td>-3** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td>0.00</td> </tr> <tr> <td colspan="4"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </tbody> </table>		Total Claims		Extra Claims		Fee from Below		Fee Paid		Independent Claims	35	-48** =		x		=	0.00	Multiple Dependent Claims	1	-3** =		x		=	0.00																																																																																																																																																																																																																																																										
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																																
1001	770	2001	385	Utility filing fee																																																																																																																																																																																																																																																																																																																															
1002	340	2002	170	Design filing fee																																																																																																																																																																																																																																																																																																																															
1003	530	2003	265	Plant filing fee																																																																																																																																																																																																																																																																																																																															
1004	770	2004	385	Reissue filing fee																																																																																																																																																																																																																																																																																																																															
1005	180	2005	90	Provisional filing fee																																																																																																																																																																																																																																																																																																																															
SUBTOTAL (1)				(\$)	0.00																																																																																																																																																																																																																																																																																																																														
Total Claims		Extra Claims		Fee from Below		Fee Paid																																																																																																																																																																																																																																																																																																																													
Independent Claims	35	-48** =		x		=	0.00																																																																																																																																																																																																																																																																																																																												
Multiple Dependent Claims	1	-3** =		x		=	0.00																																																																																																																																																																																																																																																																																																																												
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (2)</td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	88	2201	43	Independent claims in excess of 3		1203	280	2203	145	Multiple dependent claim, if not paid		1204	88	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)	0.00	**or number previously paid, if greater. For Reissues, see above																																																																																																																																																																																																																																																																																			
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																																
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																																															
1201	88	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																																															
1203	280	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																																																															
1204	88	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																																															
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																																															
SUBTOTAL (2)				(\$)	0.00																																																																																																																																																																																																																																																																																																																														
SUBMITTED BY Name (Print/Type): Cynthia L. Kanik, Ph D. Signature: 		Registration No. (Attorney/Agent): 37,320 Telephone: (617) 227-7400 Date: May 7, 2004																																																																																																																																																																																																																																																																																																																																	

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

Dated: May 7, 2004

Signature:  (Cynthia L. Kanik, Ph D.)